

MINING APPLICATION
NO. ACT/039/006

Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116



MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company United States Ferto Corporation
2. Proposed type of operation Open Pit Mining
3. (a) Prior Land Use(s) Open Pit Mining
(b) Current Land Use(s) Open Pit Mining
(c) Possible or Prospective Future Land Use(s) None
- ✓ 4. What vegetation exists on the land proposed to be affected there is very little vegetation on the mineral deposits
(a) Types and Estimated Percent cover or density: less than 5%
- ✓ 5. What is the pH range of soil before mining? _____ pH
Name of Person or Agency and method of determining pH _____
6. Site elevation above sea level 6,500 to 7,800 ft.
7. In case of coal, oil shale, and bituminous sandstone:
Principal seam(s) and thickness(es) _____
- ✓ 8. Estimated duration of mining operations 50 to 90 years
- ✓ 9. Has overburden, waste or rejected materials been classified as acid or alkali producing? () Yes (X) No
Does the above material being moved have any other characteristics affecting revegetation? _____
- ✓ 10. Will any underground workings or aquifers be encountered? () Yes (X) No
Describe _____
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? () Yes () No If yes, describe the quality of water being discharged. _____

11. Describe specifically a detailed procedure for: refer to attached report
- (a) The mining sequence
 - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
 - (c) The procedure for site preparation including removing trees and brush.
 - (d) The method for removing and stockpiling topsoil or disturbed materials.
 - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
 - (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

There should be no fill material needed

Describe method for the testing of soil that is intended to support vegetation

2. Describe any soil treatment employed as an aid to revegetation

none at this time

3. Describe surface preparation of areas intended to support vegetation:

refer to attached report

REVEGETATION

1. Revegetation to be completed by:

☒ Operator
☐ Soil Conservation District
☐ Private Contractor
☐ Other (specify) _____

☐ Hydroseeding
☐ Aerial Seeding
☐ Conventional or Rangeland Drill
☐ Broadcast and Drag
☐ Other _____

2. Will Mulch be used? () Yes (X) No

Type: _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule - Refer to Report

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted

4. Will affected area be subject to livestock or wildlife grazing?

() Yes (X) No Will vegetation protection be needed? _____

5. Will irrigation be used: () Yes (X) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

Refer to report

STATE OF Utah

COUNTY OF Utah

I, HOWARD E TORRELL, having been duly sworn
depote and attest that all of the representations contained in the foregoing
application are true to the best of my knowledge; that I am authorized to
complete and file this application on behalf of the Applicant and this
application has been executed as required by law.

Signed: HE Torre

Taken, subscribed and sworn to before me the undersigned authority
in my said county, this _____ day of _____, 19 ____.

Notary Public: _____

My Commission Expires: _____

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as
follows:

"Information relating to the location, size, or nature
of the deposit and marked confidential by the operator,
shall be protected as confidential information by the
Board and the Division and not be a matter of public
record in the absence of a written release from the
operator, or until the mining operation has been
terminated as provided in subsection (2) of section
40-8-21."

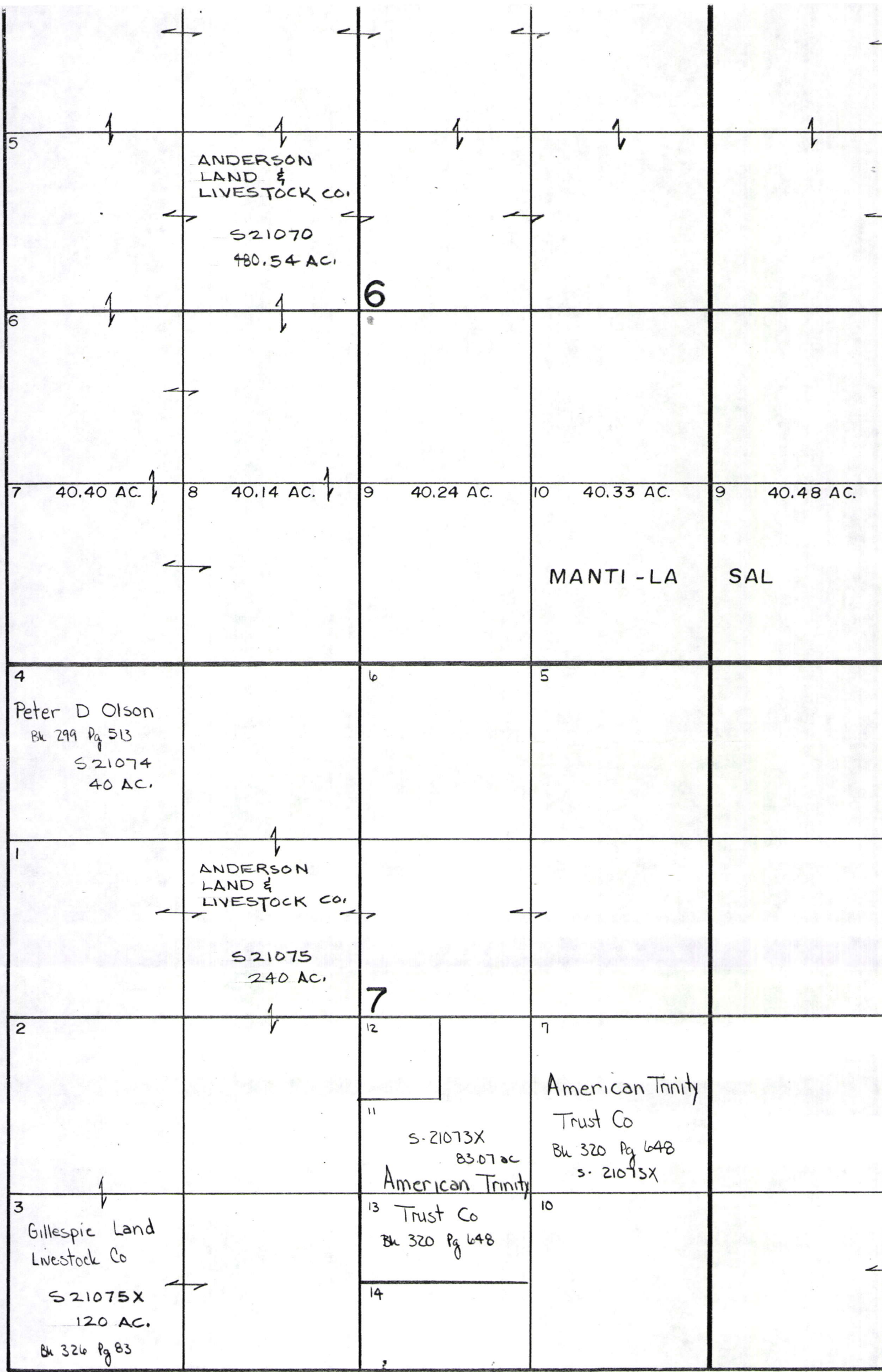
Is confidential information contained herein?

YES HE (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

Full report attached hereto



DIVISIONS INITIAL AND DATE					NOTES	U.S.T.C. approval